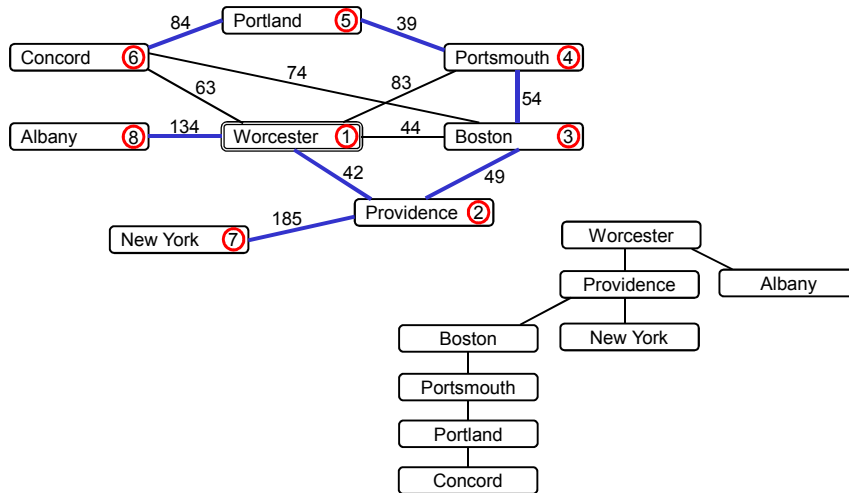
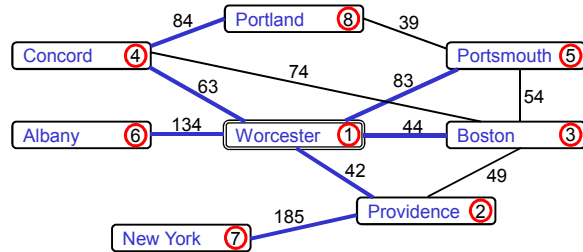


Another Example: Depth-First Traversal from Worcester

- In what order will the cities be visited?
- Which edges will be in the resulting spanning tree?



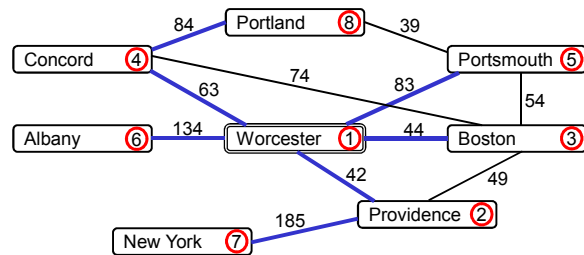
Another Example: Breadth-First Traversal from Worcester



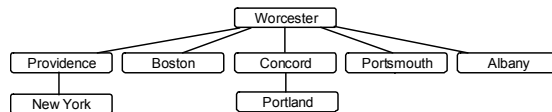
Evolution of the queue:

<u>remove</u>	<u>insert</u>	<u>queue contents</u>
	Worcester	Worcester
Worcester	Prov, Bos, Conc, Ports, Alb	Prov, Bos, Conc, Ports, Alb
Providence	New York	Bos, Conc, Ports, Alb, New York
Boston	none	Conc, Ports, Alb, New York
Concord	Portland	Ports, Alb, New York, Portland
Portsmouth	none	Albany, New York, Portland
Albany	none	New York, Portland
New York	none	Portland
Portland	none	empty

Another Example: Breadth-First Traversal from Worcester



breadth-first spanning tree:



depth-first spanning tree:

